

1246



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TECH CENTER 1600/2900

RAW SEQUENCE LISTING

DATE: 11/13/2002 TIME: 18:06:30

PATENT APPLICATION: US/09/852,378A

Input Set : A:\110r-R-00 Seq List.doc
Output Set : N:\CRF4\11132002\1852378A.raw

ENTERED

3 <110> APPLICANT: LAZDUNSKI, MICHEL

4 ESCOBAS, PIERRE

5 DE WEILLE, JAN

6 DIOCHOT, SYLVIE

8 <120> TITLE OF INVENTION: POLYPEPTIDE INHIBITING A PROTON-GATED NA + CHANNEL, A

9 NUCLEIC ACID CODING FOR SUCH POLYPEPTIDE AND A METHOD

10 OF MANUFACTURING AN ASICIA CHANNEL BLOCKER

12 <130> FILE REFERENCE: 1105-R-00

14 <140> CURRENT APPLICATION NUMBER: 09/852,378A

15 <141> CURRENT FILING DATE: 2001-05-10

17 <150> PRIOR APPLICATION NUMBER: 60/203,309

18 <151> PRIOR FILING DATE: 2000-05-10

20 <160> NUMBER OF SEQ ID NOS: 10

22 <170> SOFTWARE: PatentIn Ver. 2.1

24 <210> SEQ ID NO: 1

25 <211> LENGTH: 40

26 <212> TYPE: PRT

27 <213> ORGANISM: Psalmoepus sp.

29 <400> SEQUENCE: 1

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31 1 10 15

33 Cys Cys Glu Gly Leu Glu Cys Trp Lys Arg Arg Ser Phe Glu Val

34 20 25 30

36 Cys Val Pro Lys Thr Pro Lys Thr

37 35 40

40 <210> SEQ ID NO: 2

41 <211> LENGTH: 36

42 <212> TYPE: PRT

43 <213> ORGANISM: Psalmoepus sp.

45 <220> FEATURE:

46 <221> NAME/KEY: MOD RES

47 <222> LOCATION: (31)

48 <223> OTHER INFORMATION: Variable amino acid.

50 <400> SEQUENCE: 2

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52 1 5 10 15

54 Cys Cys Glu Gly Leu Glu Cys Trp Lys Arg Arg Ser Phe Xaa Val

55 20 25 30

57 Cys Val Pro Lys

58 35

61 <210> SEQ ID NO: 3

62 <211> LENGTH: 16

63 <212> TYPE: PRT

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64 <213> ORGANISM: Psalmopoeus sp.
 66 <400> SEQUENCE: 3
 67 Lys Arg Arg Arg Ser Phe Glu Val Cys Val Pro Lys Thr Pro Lys Thr
 68 1 5 10 15
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 72 <211> LENGTH: 7
 73 <212> TYPE: PRT
 74 <213> ORGANISM: Psalmopoeus sp.
 76 <220> FEATURE:
 77 <221> NAME/KEY: MOD_RES
 78 <222> LOCATION: (1)..(2)
 79 <223> OTHER INFORMATION: Variable amino acid
 81 <400> SEQUENCE: 4
 82 Xaa Xaa Glu Val Cys Val Pro
 83 1 5
 86 <210> SEQ ID NO: 5
 87 <211> LENGTH: 9
 88 <212> TYPE: PRT
 89 <213> ORGANISM: Psalmopoeus sp.
 91 <400> SEQUENCE: 5
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 93 1 5
 96 <210> SEQ ID NO: 6
 97 <211> LENGTH: 30
 98 <212> TYPE: PRT
 99 <213> ORGANISM: Psalmopoeus sp.
 101 <400> SEQUENCE: 6
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 103 1 5 10 15
 105 Cys Glu Gly Tyr Val Cys Arg Leu Trp Cys Lys Leu Asp Trp
 106 20 25 30
 109 <210> SEQ ID NO: 7
 110 <211> LENGTH: 35
 111 <212> TYPE: PRT
 112 <213> ORGANISM: Psalmopoeus sp.
 114 <400> SEQUENCE: 7
 115 Glu Cys Arg Tyr Leu Phe Gly Gly Cys Lys Thr Thr Ser Asp Cys Cys
 116 1 5 10 15
 118 Lys His Leu Gly Cys Lys Phe Arg Asp Lys Tyr Cys Ala Trp Asp Phe
 119 20 25 30
 121 Thr Phe Ser
 122 35
 125 <210> SEQ ID NO: 8
 126 <211> LENGTH: 41
 127 <212> TYPE: PRT
 128 <213> ORGANISM: Psalmopoeus sp.
 130 <400> SEQUENCE: 8
 131 Gly Val Asp Lys Ala Gly Cys Arg Tyr Met Phe Gly Gly Cys Ser Val
 132 1 5 10 15

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144 <213> ORGANISM: Psalmopoeus sp.
146 <400> SEQUENCE: 9
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148  1          5          10          15
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151          20          25          30
153 Asp Gly Ser Val
154          35
157 <210> SEQ ID NO: 10
158 <211> LENGTH: 29
159 <212> TYPE: PRT
160 <213> ORGANISM: Psalmopoeus sp.
162 <400> SEQUENCE: 10
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164  1          5          10          15
166 Glu Gly Leu Val Cys Arg Leu Trp Cys Lys Lys Ile Ile
167          20          25

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RAW SEQUENCE LISTING ERROR SUMMARY
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Input Set : A:\110r-R-00 Seq List.doc
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 31

Seq#:4; Xaa Pos. 1,2

VERIFICATION SUMMARY

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Input Set : A:\110r-R-00 Seq List.doc

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L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:16

L:82 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0